

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022719AL\
 Data File : FD027990.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2019 00:40
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 08:57:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 08:23:12 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.217	2344715	20.410 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
12) S 1-chlorooctadecane (S...	12.660	1682523	19.709 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T n-Nonane (C9)	3.064	1837377	22.407 ug/ml
2) T n-Decane (C10)	4.118	1872687	22.748 ug/ml
3) T A~Naphthalene (C11.7)	5.670	2067198	22.193 ug/ml
4) T n-Dodecane (C12)	6.122	1886392	22.956 ug/ml
5) T A~2-methylnaphthalene...	6.719	2063649	22.111 ug/ml
6) T n-Tetradecane (C14)	7.904	1873018	22.288 ug/ml
7) T n-Hexadecane (C16)	9.493	1830778	21.574 ug/ml
8) T n-Octadecane (C18)	10.923	1801359	20.678 ug/ml
10) T n-Eicosane (C20)	12.223	1783422	20.768 ug/ml
11) T n-Heneicosane (C21)	12.830	1766634	20.965 ug/ml
13) T n-Docosane (C22)	13.413	1756427	20.798 ug/ml
14) T n-Tetracosane (C24)	14.508	1755238	20.717 ug/ml
15) T n-Hexacosane (C26)	15.521	1745214	20.659 ug/ml
16) T n-Octacosane (C28)	16.462	1752621	20.588 ug/ml
17) T n-Tricontane (C30)	17.344	1730762	20.546 ug/ml
18) T n-Dotriacontane (C32)	18.170	1667643	20.213 ug/ml
19) T n-Tetratriacontane (C34)	18.948	1450890	20.014 ug/ml
20) T n-Hexatriacontane (C36)	19.681	1230356	19.417 ug/ml
21) T n-Octatriacontane (C38)	20.377	1068684	17.982 ug/ml
22) T n-Tetracontane (C40)	21.145	884279	15.438 ug/ml

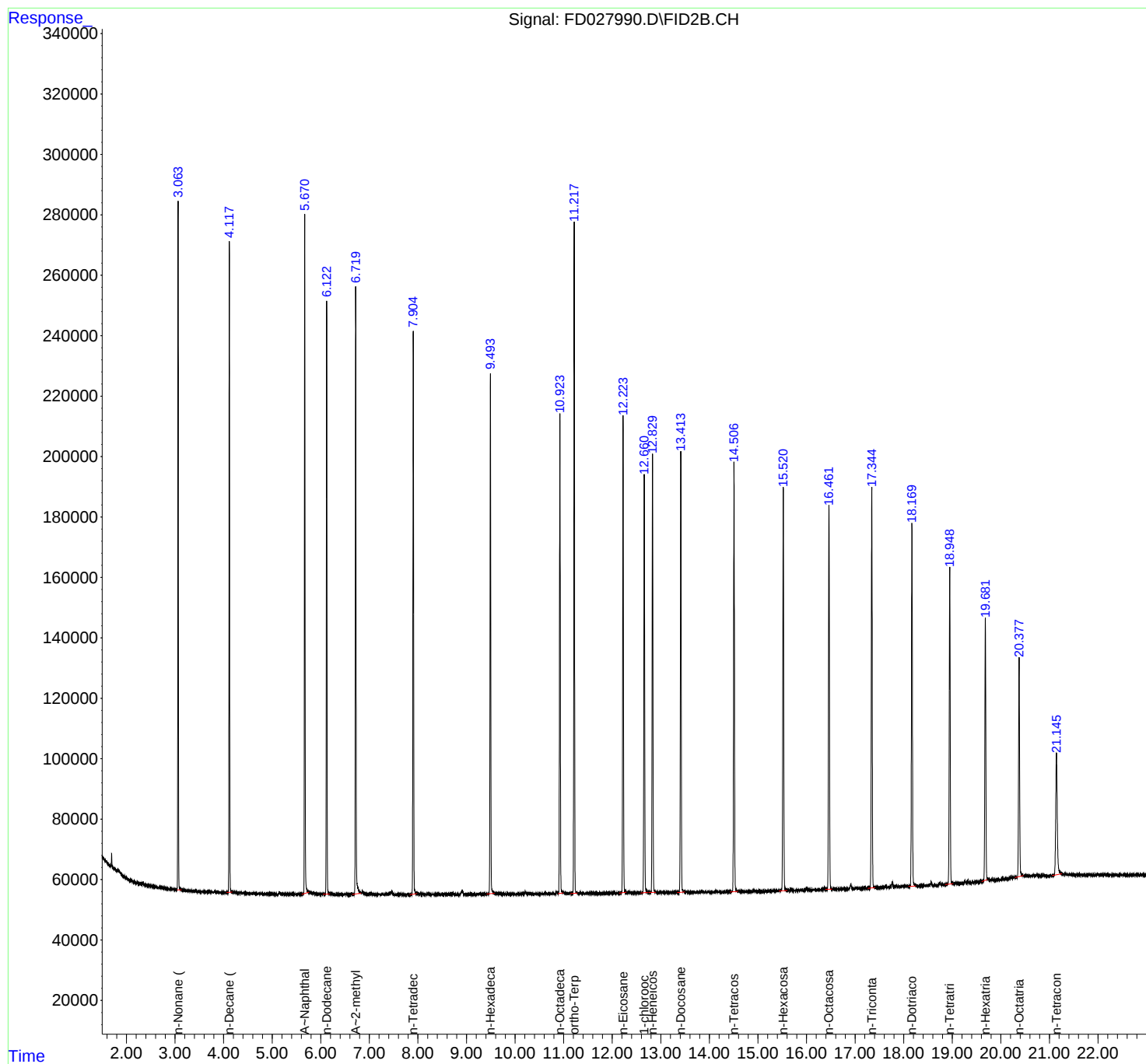
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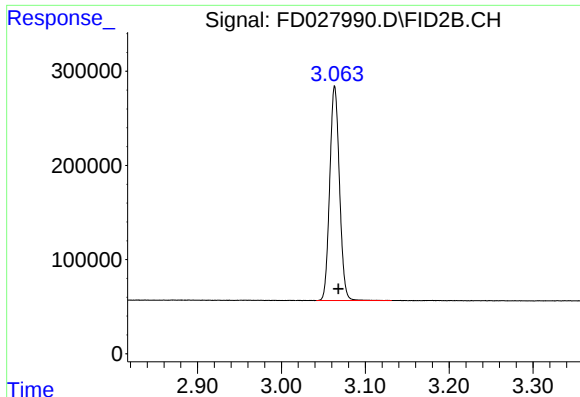
(m)=manual int.

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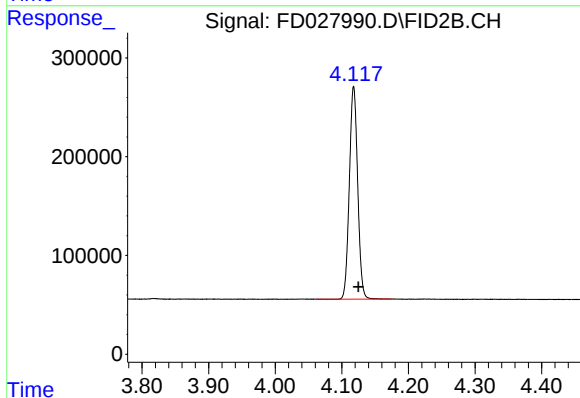
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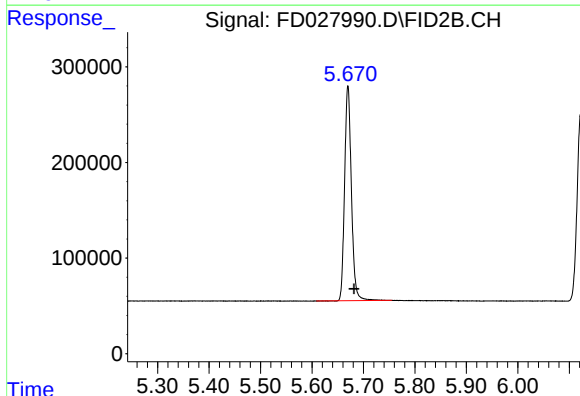
#1 n-Nonane (C9)

R.T.: 3.064 min
Delta R.T.: -0.004 min
Response: 1837377
Conc: 22.41 ug/ml



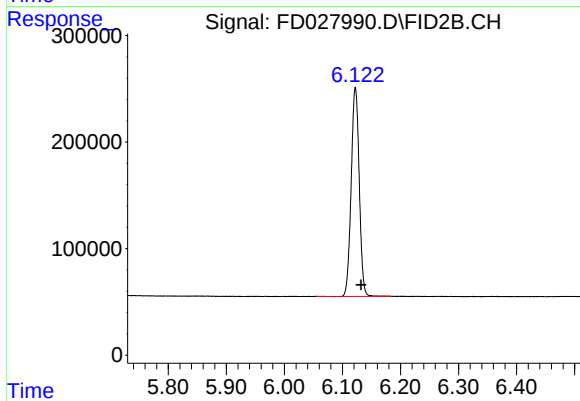
#2 n-Decane (C10)

R.T.: 4.118 min
Delta R.T.: -0.007 min
Response: 1872687
Conc: 22.75 ug/ml



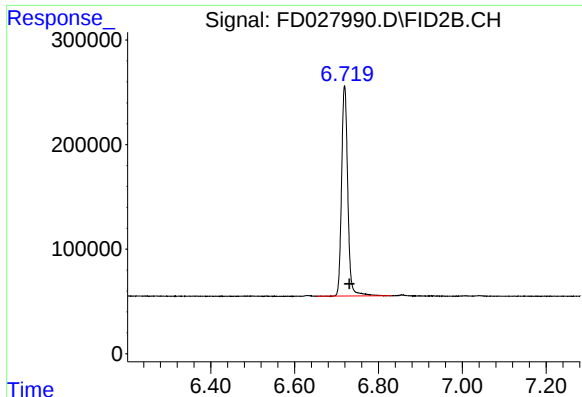
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.012 min
Response: 2067198
Conc: 22.19 ug/ml



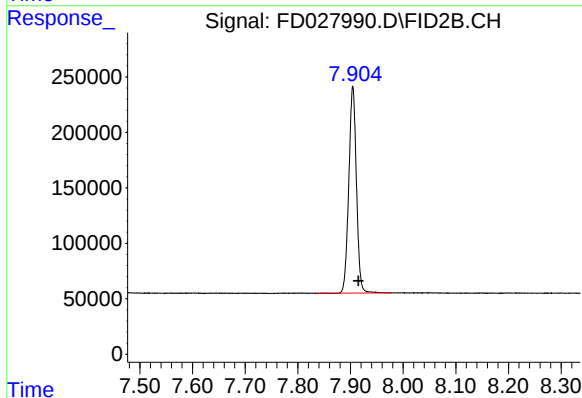
#4 n-Dodecane (C12)

R.T.: 6.122 min
Delta R.T.: -0.010 min
Response: 1886392
Conc: 22.96 ug/ml



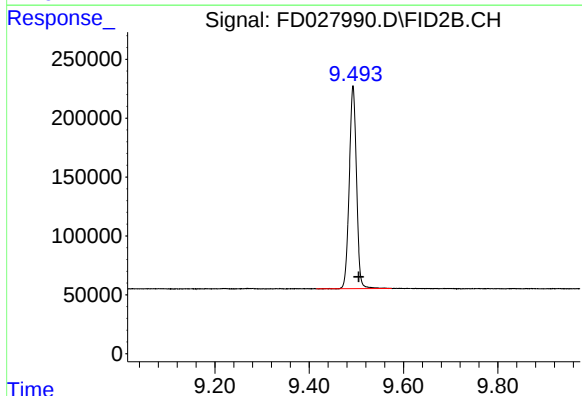
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.011 min
Response: 2063649
Conc: 22.11 ug/ml



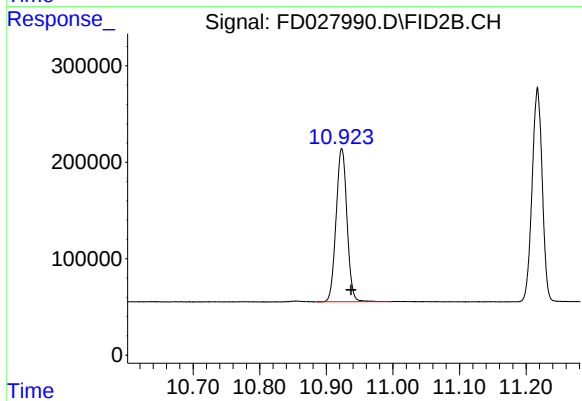
#6 n-Tetradecane (C14)

R.T.: 7.904 min
Delta R.T.: -0.010 min
Response: 1873018
Conc: 22.29 ug/ml



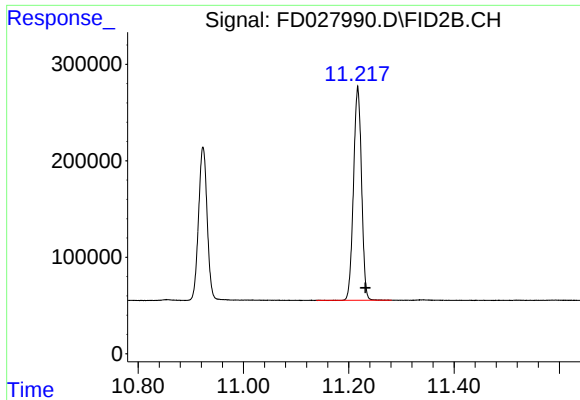
#7 n-Hexadecane (C16)

R.T.: 9.493 min
Delta R.T.: -0.012 min
Response: 1830778
Conc: 21.57 ug/ml



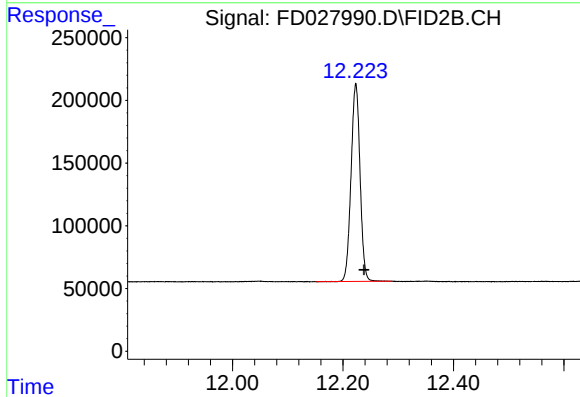
#8 n-Octadecane (C18)

R.T.: 10.923 min
Delta R.T.: -0.014 min
Response: 1801359
Conc: 20.68 ug/ml



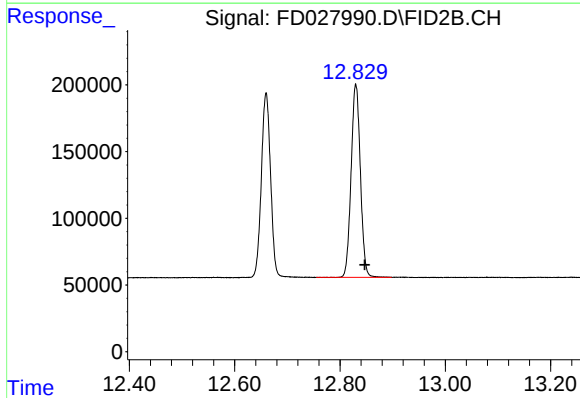
#9 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.014 min
Response: 2344715
Conc: 20.41 ug/ml



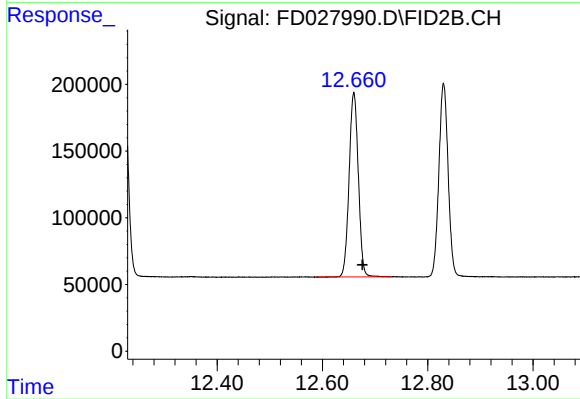
#10 n-Eicosane (C20)

R.T.: 12.223 min
Delta R.T.: -0.015 min
Response: 1783422
Conc: 20.77 ug/ml



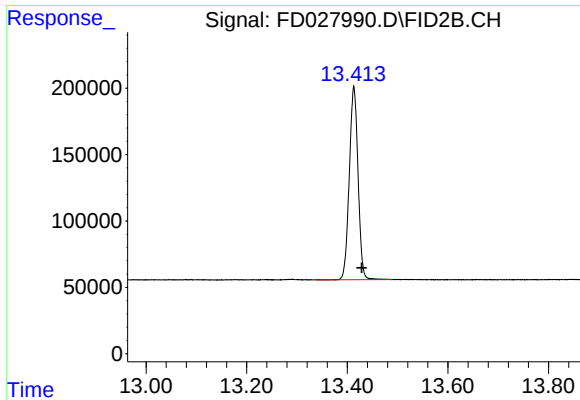
#11 n-Heneicosane (C21)

R.T.: 12.830 min
Delta R.T.: -0.017 min
Response: 1766634
Conc: 20.96 ug/ml



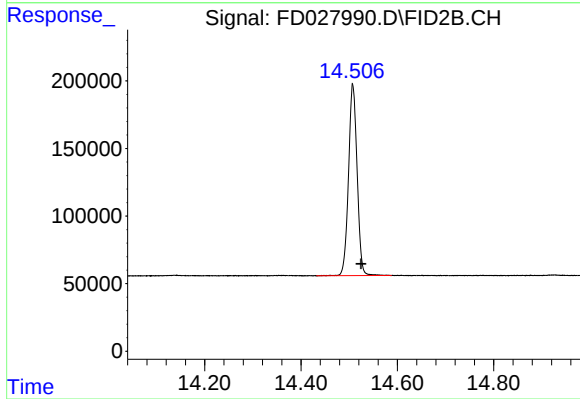
#12 1-chlorooctadecane (SURR)

R.T.: 12.660 min
Delta R.T.: -0.016 min
Response: 1682523
Conc: 19.71 ug/ml



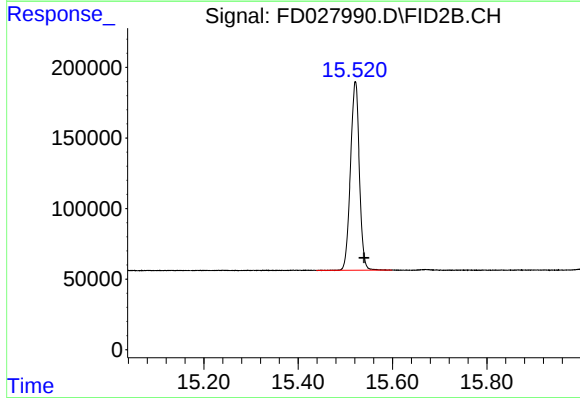
#13 n-Docosane (C22)

R.T.: 13.413 min
Delta R.T.: -0.016 min
Response: 1756427
Conc: 20.80 ug/ml



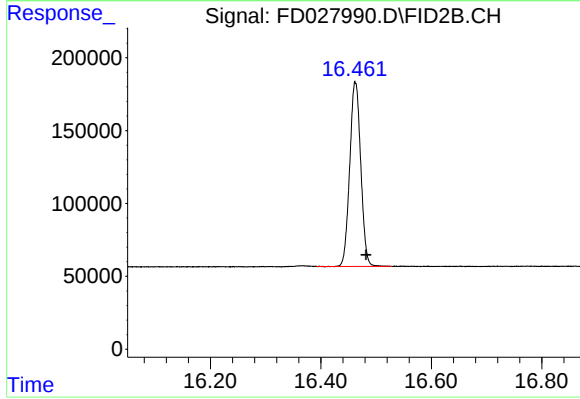
#14 n-Tetracosane (C24)

R.T.: 14.508 min
Delta R.T.: -0.017 min
Response: 1755238
Conc: 20.72 ug/ml



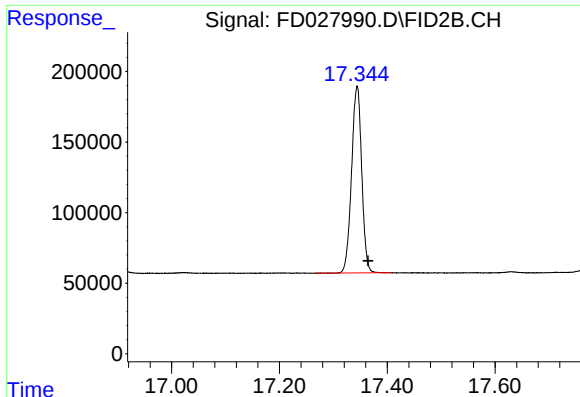
#15 n-Hexacosane (C26)

R.T.: 15.521 min
Delta R.T.: -0.018 min
Response: 1745214
Conc: 20.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.462 min
Delta R.T.: -0.020 min
Response: 1752621
Conc: 20.59 ug/ml



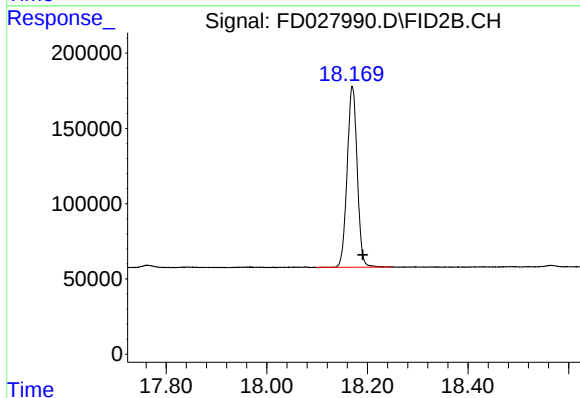
#17 n-Tricontane (C30)

R.T.: 17.344 min

Delta R.T.: -0.021 min

Response: 1730762

Conc: 20.55 ug/ml



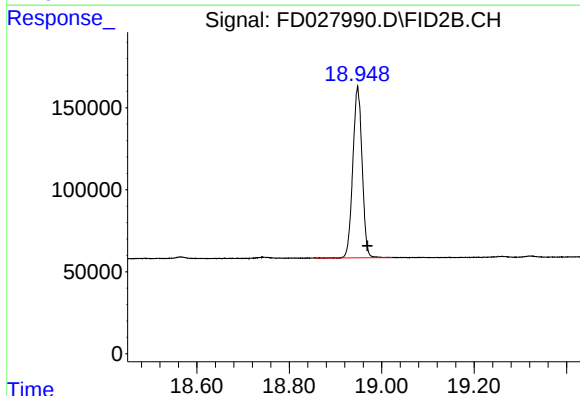
#18 n-Dotriacontane (C32)

R.T.: 18.170 min

Delta R.T.: -0.020 min

Response: 1667643

Conc: 20.21 ug/ml



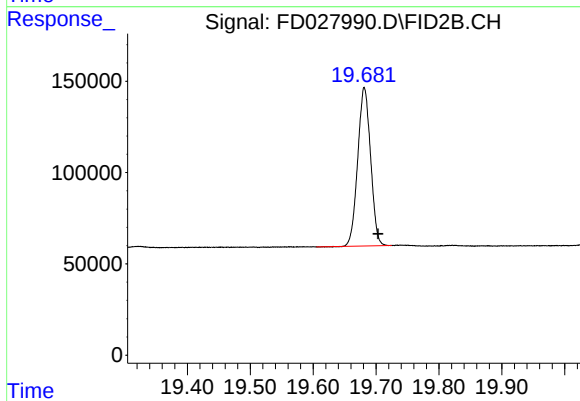
#19 n-Tetratriacontane (C34)

R.T.: 18.948 min

Delta R.T.: -0.021 min

Response: 1450890

Conc: 20.01 ug/ml



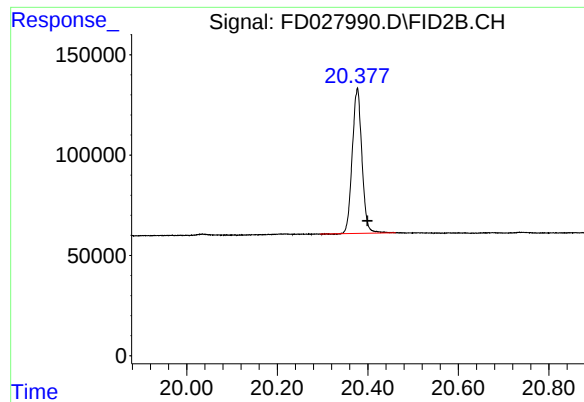
#20 n-Hexatriacontane (C36)

R.T.: 19.681 min

Delta R.T.: -0.022 min

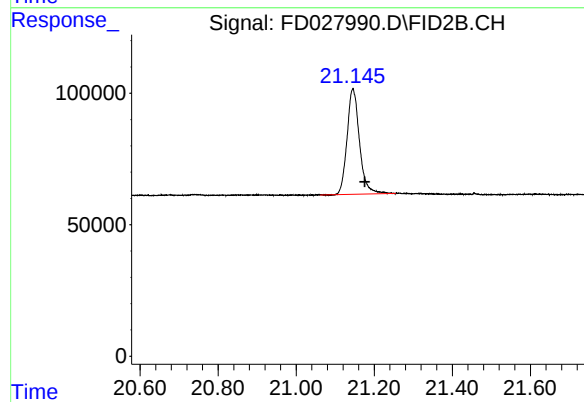
Response: 1230356

Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.377 min
Delta R.T.: -0.022 min
Response: 1068684
Conc: 17.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.145 min
Delta R.T.: -0.030 min
Response: 884279
Conc: 15.44 ug/ml